

AMENDMENTS TO THE CLAIMS:

Kindly amend claims 1-14, as shown below.

This listing of claims will replace all prior versions and listings of claims in the
Application:

Claim 1 (currently amended): A fuel cell comprising:

a unit cell that includes a solid electrolyte membrane, a fuel electrode and an oxidizer
electrode disposed on the solid electrolyte membrane;

a ~~heating means~~ heater ~~that heats~~ for heating the unit cell; and

a fuel supplying system ~~that supplies~~ for supplying fuel to the fuel electrode,

wherein the ~~heating means~~ heater is ~~provided~~ in contact with the unit cell,

part of the fuel is supplied from the fuel supplying system to the ~~heating means~~ heater
and

[[the]] heat generated when the fuel supplied to the ~~heating means~~ heater is combusted
by the ~~heating means~~ heater is conducted to the unit cell so that the unit cell is heated.

Claim 2 (currently amended): The fuel cell according to claim 1,

wherein the ~~heating means~~ heater comprises a heating element and a heat conductor
~~provided~~ in contact with the heating element.

Claim 3 (currently amended): The fuel cell according to claim 1 ~~[[or 2]]~~,

wherein the ~~heating means~~ heater includes a heating catalyst used for combusting the
fuel.

Claim 4 (currently amended): The fuel cell according to claim 1 ~~any one of claims 1 to 3~~,

wherein the ~~heating means~~ heater is ~~provided~~ in contact with the oxidizer electrode.

Claim 5 (currently amended): The fuel cell according to claim 1 ~~any one of claims 1 to 4~~,

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wherein liquid fuel is supplied directly to the fuel electrode.

Claim 6 (currently amended): The fuel cell according to claim 1 ~~any one of claims 1 to 5~~, further comprising:

a plurality of unit cells;

a plurality of first electrodes that are provided on one side of the solid electrolyte membrane; and

a plurality of second electrodes that are provided on the other side of the solid electrolyte membrane, where one second electrode is disposed opposite to one first electrode,

wherein a unit cell is composed of a pair of a first electrode and a second electrode opposed to each other, and ~~[[the]]~~ a solid electrolyte membrane, and

the ~~heating means~~ heater heats a plurality of the unit cells.

Claim 7 (currently amended): The fuel cell according to claim 6, further comprising:

a ~~temperature-measuring means that measures~~ sensor for measuring a heating temperature in the ~~heating means~~ heater or a temperature of the fuel cell; and

a ~~control means that controls~~ controller for controlling supply of fuel from the fuel supplying system to the ~~heating means~~ heater based on the temperature measured by the ~~temperature-measuring means~~ sensor.

Claim 8 (currently amended): The fuel cell according to claim 6 ~~[[or 7]]~~,

wherein the ~~heating means~~ heater is ~~provided~~ in contact with the solid electrolyte membrane.

Claim 9 (currently amended): The fuel cell according to claim 6 ~~[[or 7]]~~,

wherein the ~~heating means~~ heater is ~~provided~~ in contact with a plurality of the first electrodes.

Claim 10 (currently amended): The fuel cell according to claim 1 ~~any one of claims 1 to 9~~, further comprising:

a fuel ~~recovering means that recovers~~ recooverer for recovering the fuel having passed through the fuel electrode into the heater ~~heating means~~.

Claim 11 (currently amended): The fuel cell according to claim 6 [[or 7]],

wherein the fuel supplying system comprises a high-concentration fuel ~~supplying means that supplies~~ supplier for supplying fuel having concentration higher than that of fuel supplied to the fuel electrode to the heater ~~heating means~~.

Claim 12 (currently amended): The fuel cell according to claim 11, further comprising:

a fuel ~~mixing means that mixes~~ mixer for mixing high-concentration fuel supplied from the high-concentration fuel ~~supplying means~~ supplier and fuel supplied to the fuel electrode.

Claim 13 (currently amended): The fuel cell according to claim 6 [[or 7]], further comprising:

a ~~heating temperature control means that controls~~ controller for controlling the heating temperature of the ~~heating means~~ heater by cooling water.

Claim 14 (currently amended): The fuel cell according to claim 6 [[or 7]], further comprising:

an oxidizer ~~supplying means that supplies~~ supplier for supplying an oxidizer to the heater ~~heating means~~.